

ABSTRACT OF THE DISCLOSURE**METHOD AND APPARATUS FOR EFFICIENT SHARING
OF A DMA RESOURCE**

A method, apparatus, and computer instructions for managing direct memory access transfers. Monitoring is performed for an event to pass ownership of a direct memory access resource to a new thread. A buffer of the new thread is added by an operating system component to the end of a direct memory access chain of requests from the current thread. The addition of this buffer to the end of a direct memory access chain provides an anchor point for the new thread to add additional requests for the direct memory access resource.